eternational Application No PCT/EP2004/008390

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12P13/08 C12R1/19 //(C12P13/08,C12R1:19)

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

 $\begin{array}{ccc} \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ \text{IPC} & 7 & \text{C12P} & \text{C12R} \\ \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, FSTA, CHEM ABS Data

C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of	the relevant passages	Relevant to claim No.
X	DEBABOV V G: "The threonine ADVANCES IN BIOCHEMICAL ENGIN BIOTECHNOLOGY, SPRINGER, BERL Vol. 79, 2003, pages 113-136, ISSN: 0724-6145	EERING, IN. DE.	34
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"A" docume consider a filling of filling of the citation docume other a "P" docume	ont which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	"T" later document published after the interest or priority date and not in conflict with cited to understand the principle or the invention  "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or moments, such combination being obvious the art.  "&" document member of the same patent	the application but every underlying the considered to cument is taken alone staimed invention ventive step when the ore other such docuus to a person skilled
Date of the	actual completion of the international search	Date of mailing of the international sea	
8	December 2004	22/12/2004	
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Van de Kamp, M	

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Y	SHIU-LAN L ET AL: "Study on the microfiltration of Escherichia coli-containing fermentation broth by a ceramic membrane filter" JOURNAL OF MEMBRANE SCIENCE, vol. 110, no. 2, 21 February 1996 (1996-02-21), pages 203-210, XP004041728 ISSN: 0376-7388 abstract page 203, left-hand column, line 1 - right-hand column, line 16 figure 2 paragraphs 2.2 and 3.3 figures 9,10,12	1-33, 35-38
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Y	TODA KIYOSHI: "Theoretical and methodological studies of continuous microbial bioreactors."  JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY, vol. 49, no. 4, August 2003 (2003-08), pages 219-233, XP008038115 ISSN: 0022-1260 abstract page 228, right-hand column, line 38 - page 229, left-hand column, line 15 table 2	1-33, 35-38
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